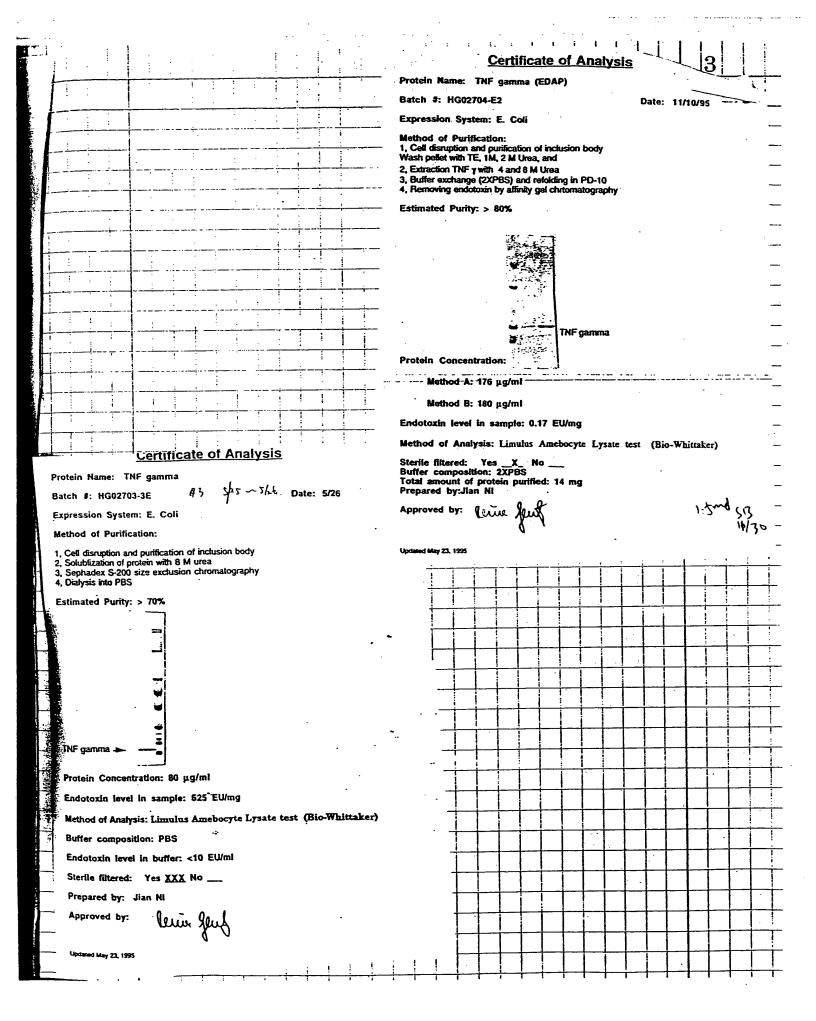
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Large scale plasm: I prep for to be used to make sigle stranged DA from an old stock of plasmid obtain titer 1.5 x 10 t cfor grow up to sqi. Jown resuspend ford the Navy fins 3M KOB ONA is

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Batch #:HG10700-E1

Date: 1/22/96

Expression System: E. Coli Molecular weight: 20.8 Kd

Method of Purification: Nickel-chelate affinity chromotography column Buffer exchange (2XPBS) and refolding in PD-10 column

Estimated Purity: 80%

Protein Concentration:

Method A: 200 µg/ml

Method B: 160 µg/ml

Endotoxin level in sample: 2.8 EU/mg

Method of Analysis: Limulus Amebocyte Lysate test (Bio-Whittaker

Sterile filtered: Yes _Y_ No _

Buffer composition: 2XPBS

Biological activity yes/not tested

Total amount of protein purified: 10 mg

Prepared by: Jian Ni

Approved by:

Updated September 15, 1995

Estimated Purity: > 70%

TNF gamma 🕳

Protein Concentration: 80 µg/ml

Endotoxia level in sample: 625 EU/mg

Method of Analysis: Limulus Amebocyte Lysate test (Bio-Whittaker)

Buffer composition: PBS

Endotoxin level in buffer: <10 EU/ml

Sterile filtered: Yes XXX No.__

Prepared by: Jian NI

Approved by:

leur gent

in Name: TNF gamma (EDAP)

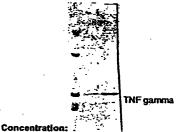
#: HG02704-E2

Date: 11/10/95

ssion System: E. Coli

d of Purification: disruption and purification of inclusion body sellet with TE, 1M, 2 M Urea, and scion TNF y with 4 and 8 M Urea er exchange (2XPBS) and refolding in PD-10 oving endotoxin by affinity gel chrtomatography

ted Purity: > 80%



hod-A: 176 µg/mi

hod B: 180 µg/ml

i level in sample: 0.17 EU/mg

I Analysis: Limulus Amebocyte Lysate test (Bio-Whittaker)

Certificate of Analysis

Protein Name: TNF-gamma (EDAP) (His-tag) Clone ID#: HUVEO91

Batch #:HG02702-F4

Date:1/22/96

Expression System: E. Coli

Molecular weight: 20.1 Kd

Method of Purification: Nickel-chelate affinity chromotography column Buffer exchange (20PBS) and refolding in PO-10 column

Estimated Purity: >80%

Protein Concentration:

Method A: 150 µg/ml

Method B: 260 µg/ml

Endotoxin level in sample: 3.1 EU/mg

Method of Analysis: Limulus Amebocyte Lysate test (Bio-Whittaker

Sterile filtered: Yes __Y_ No _

Buffer composition: 2XPB\$

Biological activity yes/not tested

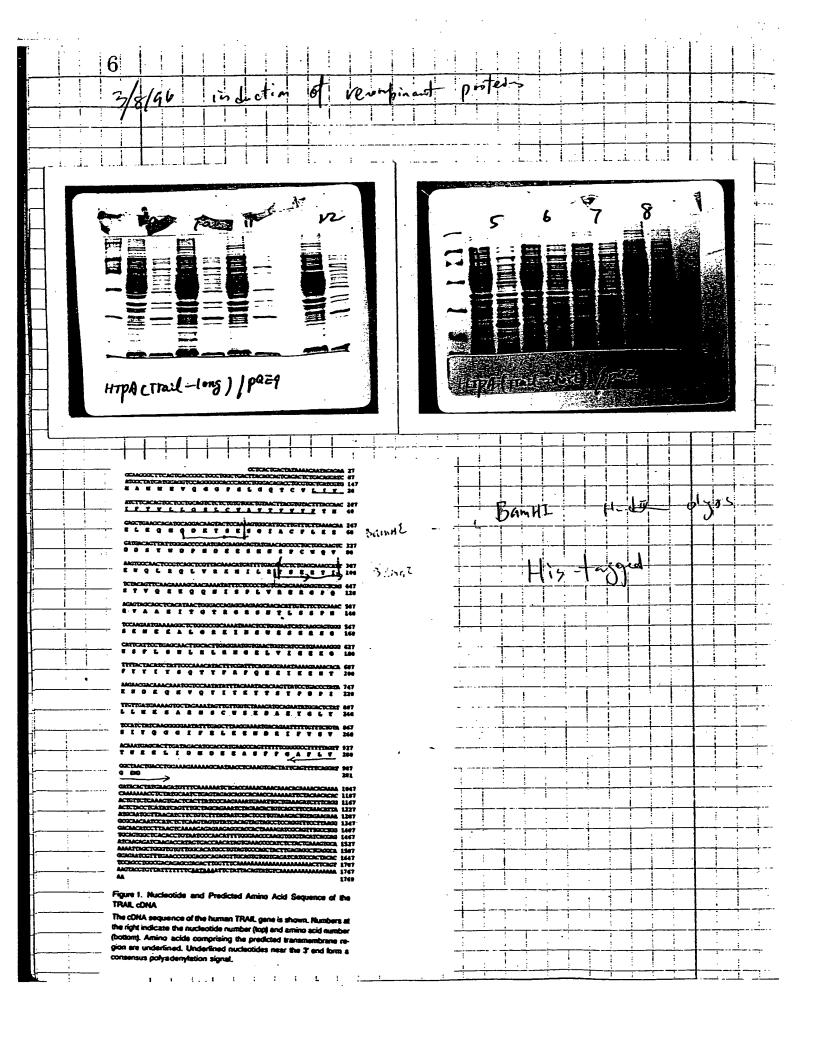
Total amount of protein purified: 10 mg

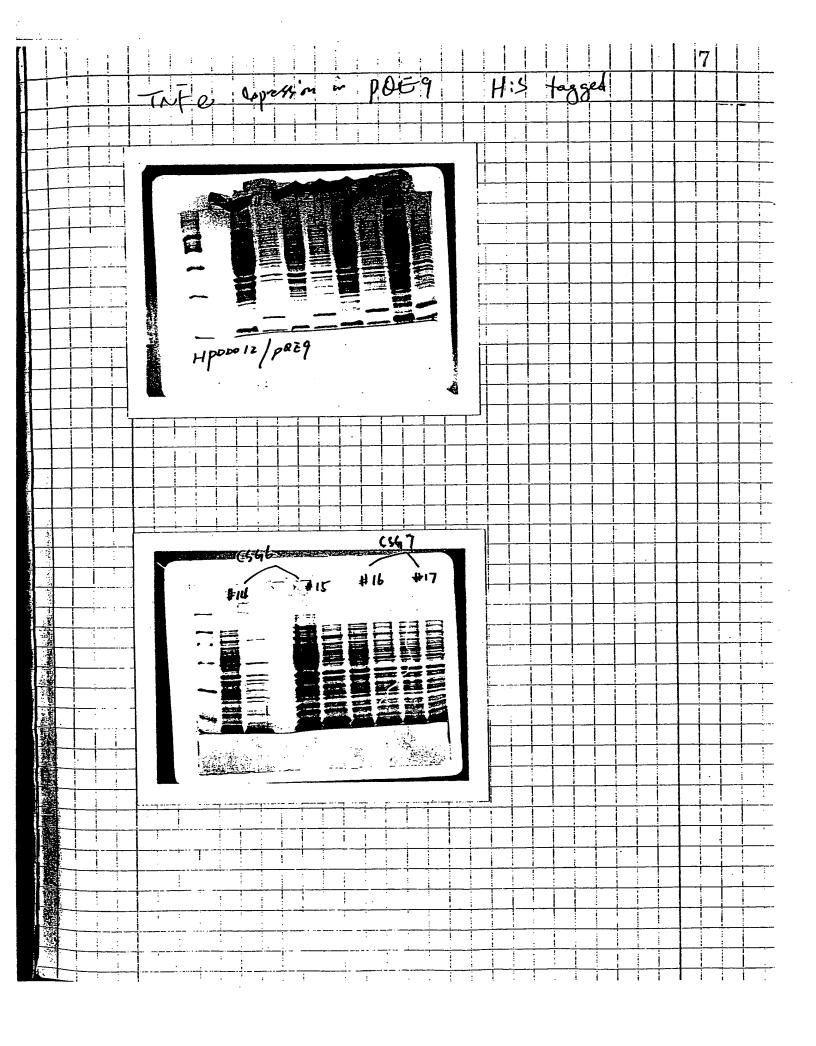
Prepared by: Jian Ni

Approved by:

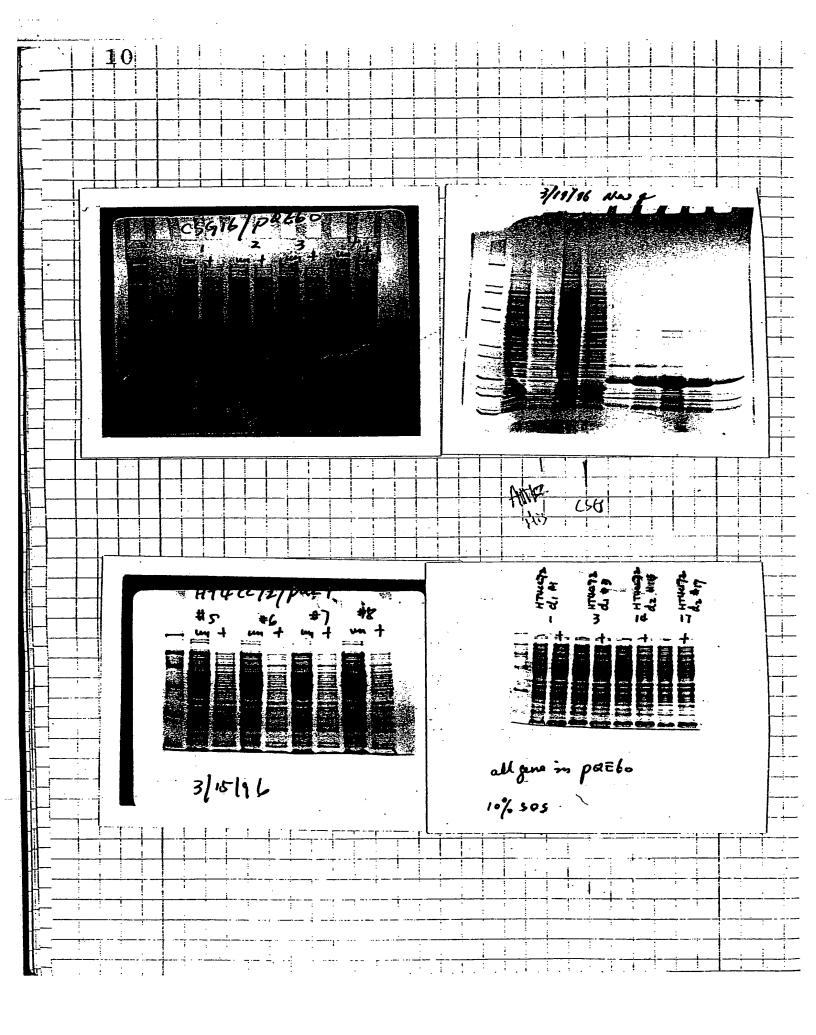
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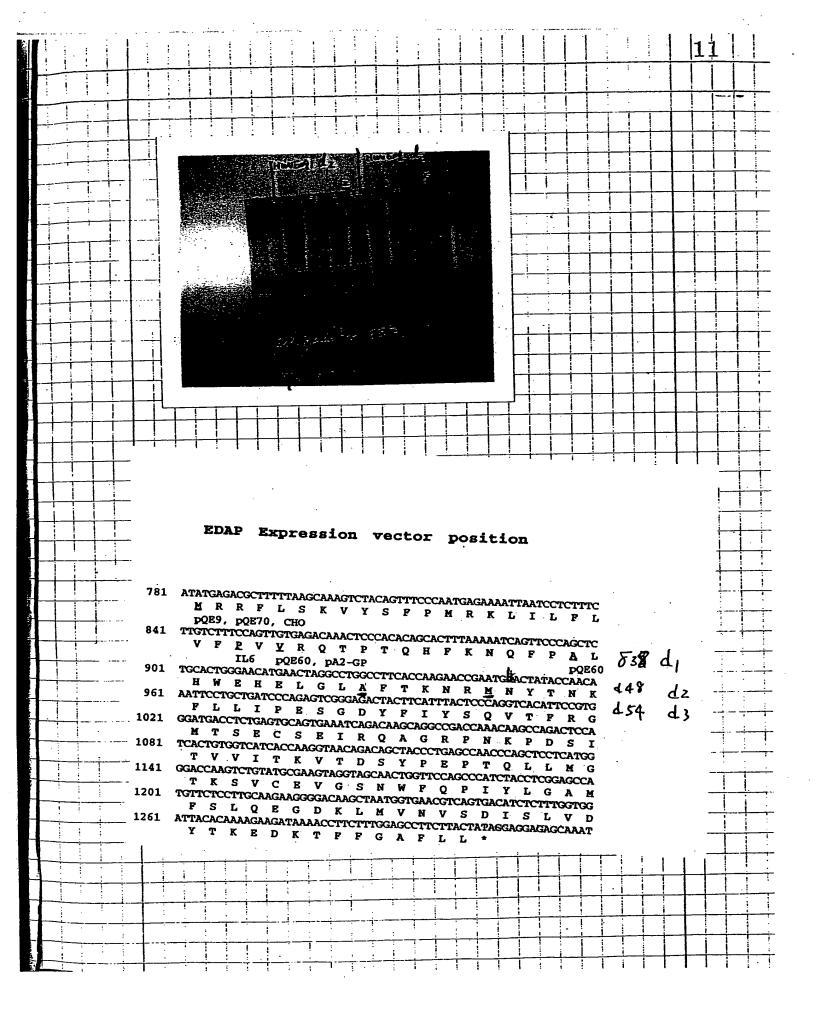
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	7	72 234 73 235	1 7	1264.0	00 12.3 00 7.1	1 1.0	0 89. 0 90.	59 63 84 67	.0 110	3.62 6.21	158	21 22 23	1	61.00 ii 52.00 42.00	, 41.17	1.0	0 196.	02 57.	.0	72 24
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3/12/96 TNF Receptor like HTTBN61 Now-carled Death Domania contains Restortor DDCR -willength clone HLM4058 contained a stop codon after methorine prential signal peptide the stop codon is real: With Mamy rounds of 01:50 HTTBN61 Rp10 made CCCTCCGAAGCCTGGTG] Rpio Roki KARZ Pp10 and RpRe to PCK





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